

**(57) Abstract**

The invention relates to a receiver and a receiving method in a receiver of a radio system. The method comprises: receiving (500) signal with an array antenna comprising at least two antenna elements, oversampling (504) the received signal, measuring (900) the spatial and temporal colour of the received oversampled signal, combining (908) the received signal with combined maximum ratio combining and space-time interference rejection combining, controlling (902-904) the combining of the received signal on the basis of the measurement result.